AMENDMENTS TO THE CLAIMS

Claims 1-34 (Cancelled)

35. (New) A wireless system for operating a computer having a USB port comprising:

a remote wireless peripheral device having a circuit for generating device information causing associated operations to be performed by the computer and an RF transmitter connected to said circuit for transmitting a wireless signal including said device information, said circuit and said RF transmitter being integral to said peripheral device, said RF transmitter being the sole means for communicating said device information from said peripheral device and said peripheral device not having any USB communication capability, said peripheral device being one of a keyboard, a mouse and a joystick; and

a Universal Serial Bus (USB) hub including an upstream USB port adapted to be connected to the computer, and a hub controller connected between said data reception circuit and said upstream USB port whereby when said upstream USB port is connected to the USB port of the computer and said peripheral device generates said wireless signal to said data reception circuit, said hub controller converts said wireless signal to a USB data signal and passes said USB data signal to said upstream port for causing the associated operations to be performed by the computer.

36. (New) The wireless system according to Claim 35 wherein said peripheral device is a keyboard and including a mouse having a circuit for generating device information causing associated operations to be performed by the computer and an RF transmitter connected to said circuit for transmitting a wireless signal including said device information, said circuit and said RF transmitter being integral to said mouse, said RF transmitter being the sole means for communicating said device information from said mouse and said mouse not having any USB communication capability, and said hub having means to distinguish between said keyboard wireless signal and said mouse wireless signal.

37. (New) A wireless system for operating a computer having a USB port comprising:

a remote wireless peripheral device having a circuit for generating device information causing associated operations to be performed by the computer and an RF transmitter connected to said circuit for transmitting a wireless signal including said device information, said circuit and said RF transmitter being integral to said peripheral device, said RF transmitter being the sole means for communicating said device information from said peripheral device and said peripheral device not having any USB communication capability; and

a Universal Serial Bus (USB) hub including an upstream USB port adapted to be connected to the computer, and a hub controller connected between said data reception circuit and said upstream USB port whereby when said upstream USB port is connected to the USB port of the computer and said peripheral device generates said wireless signal to said data reception circuit, said hub controller converts said wireless signal to a USB data signal and passes said USB data signal to said upstream port for causing the associated operations to be performed by the computer.

38. (New) The wireless system according to Claim 37 wherein said data reception circuit further includes an RF receiver for receiving said wireless signal from said peripheral device.

39. (New) The wireless system according to Claim 38 wherein said data reception circuit further includes a signal discriminator connected between said RF receiver and said hub controller for receiving said wireless signal from said RF receiver and presenting said device information in said wireless signal to said hub controller.

40. (New) The wireless system according to Claim 39 wherein said hub controller further includes a serial interface engine connected to said signal discriminator for converting said device information into USB format to form said USB data signal.

41. (New) The wireless system according to Claim 37 further including at least two additional remote wireless peripheral devices and at least two additional data reception circuits, each of said data reception circuits corresponding to an associated one of said peripheral devices, wherein each of said data reception circuits includes an RF receiver for receiving a unique wireless signal from said associated one of said peripheral devices.

41. (New) The wireless system according to Claim 37 wherein said RF receiver is a DSSS BPSK modulation receiver.

42. (New) The wireless system according to Claim 37 including at least one conventional downstream USB port in said hub and connected to said hub controller for connection to a USB peripheral device.

43. (New) A wireless Universal Serial Bus (USB) hub and remote wireless peripheral devices for communication with a computer having a USB port comprising:

at least two remote wireless peripheral devices each having a circuit for generating device information related to operations performed by said peripheral device and an RF transmitter connected to said circuit for transmitting a wireless signal including said device information, said circuits and said RF transmitters being integral to said peripheral devices, said RF transmitters being the sole means for communicating said device information from said peripheral devices and said peripheral devices not having any USB communication capability, said at least two remote peripheral devices including a keyboard and a mouse;

a data reception circuit for receiving said wireless signals from said RF transmitters;

an upstream USB port adapted to be connected to the computer; and

a hub controller connected between said data reception circuit and said upstream USB port whereby when said upstream USB port is connected to the USB port of the computer and said peripheral devices generate said wireless signals to said data reception circuit, said hub controller converts each of said wireless signals to a USB data signal and passes said USB data signal to said upstream port for

communication of said device information to the computer for controlling operations of the computer.